

Project Design Phase-II
Solution Requirements (Functional & Non-functional)

Date	30 June 2025
Team ID	LTVIP2025TMID49941
Project Name	Toycraft tales: tableau's vision into toy manufacturer data
Maximum Marks	4 Marks

Functional Requirements:

Following are the functional requirements of the proposed solution.

FR No.	Functional Requirement (Epic)	Sub Requirement (Story / Sub-Task)
FR-1	User Registration	Registration through Form Registration through Gmail Registration through LinkedIn
FR-2	User Confirmation	Confirmation via Email Confirmation via OTP
FR-3	Dashboard & Analytics Access	Users can view toy sales statistics Users can filter by region, age group, product category
FR-4	Data Upload & Management	Admins can upload toy production data in CSV/Excel Admins can edit or delete data entries
FR-5	Report Generation	Users can export charts and reports in PDF format
FR-6	Feedback System	Users can submit feedback and suggestions
FR-7	Role-Based Access Control	Admins vs Normal Users access levels
FR-8	Interactive Visualization	Dynamic charts using Tableau or similar tool Click-based drill-down reports

Non-functional Requirements:

Following are the non-functional requirements of the proposed solution.

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	The platform should have an intuitive UI for both technical and non-technical users
NFR-2	Security	User data must be encrypted and securely stored; HTTPS should be enforced
NFR-3	Reliability	System should be operational 99.5% of the time with minimal downtime
NFR-4	Performance	Data visualizations should load within 3 seconds on average
NFR-5	Availability	The platform should be accessible 24/7 with automatic failover support
NFR-6	Scalability	The system must be able to handle increased data volume and user load as the project grows

